



TROPICAL CYCLONE BULLETIN NO. 22

Tropical Storm PAENG (NALGAE)

Issued at 5:00 AM, 30 October 2022

Valid for broadcast until the next bulletin at 11:00 AM today

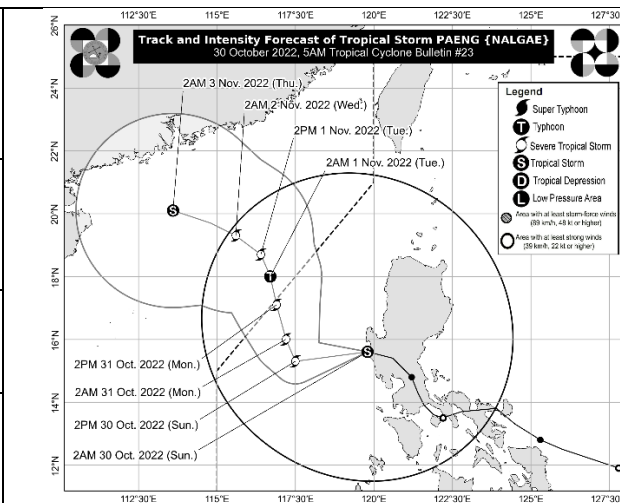
TROPICAL STORM "PAENG" IS NOW OVER THE WEST PHILIPPINE SEA

Location of Center (4:00 AM):
 The center of Tropical Storm "PAENG" was estimated based on all available data at **85 km West Northwest of Iba, Zambales**

Intensity:
 Maximum sustained winds of **85 km/h** near the center, gustiness of up to **105 km/h**, and central pressure of **990 hPa**

Present Movement:
West northwestward at 30 km/h

Extent of Tropical Cyclone Winds:
Strong to gale-force winds extend outwards up to **650 km** from the center



TRACK AND INTENSITY FORECAST

| Date and Time | Center Position | | | Intensity | | Movement dir. and speed (km/h) |
|--|-----------------|-----------|--|------------|------|--------------------------------|
| | Lat. (°N) | Lon. (°E) | Location | MSW (km/h) | Cat. | |
| 12-Hour Forecast 2:00 PM 30 October 2022 | 15.3 | 117.5 | 265 km West of Iba, Zambales | 50 | STS | W 20 |
| 24-Hour Forecast 2:00 AM 31 October 2022 | 16.0 | 117.2 | 335 km West of Dagupan City, Pangasinan | 55 | STS | NNW slowly |
| 36-Hour Forecast 2:00 PM 31 October 2022 | 17.1 | 116.9 | 390 km West Southwest of Sinait, Ilocos Sur | 60 | STS | NNW 10 |
| 48-Hour Forecast 2:00 AM 01 November 2022 | 18.0 | 116.7 | 400 km West of Sinait, Ilocos Sur (Outside the PAR) | 65 | TY | NNW 10 |
| 60-Hour Forecast 2:00 PM 01 November 2022 | 18.7 | 116.4 | 440 km West of Laoag City, Ilocos Norte (Outside the PAR) | 60 | STS | NNW slowly |
| 72-Hour Forecast 2:00 AM 02 November 2022 | 19.3 | 115.6 | 615 km West of Calayan, Cagayan (Outside the PAR) | 55 | STS | NW 10 |
| 96-Hour Forecast 2:00 AM 03 November 2022 | 20.1 | 113.6 | 875 km West of Extreme Northern Luzon (Outside the PAR) | 45 | TS | WNW 10 |

Prepared by: **RPG**

Checked by: **JEMB**



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| TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT | | | |
|---|--|---------|----------|
| TCWS No. | Luzon | Visayas | Mindanao |
| 2 Wind threat: Gale-force winds | Pangasinan, La Union, the southern portion of Ilocos Sur (City of Candon, Banayoyo, Galimuyod, Sigay, Suyo, Santa Lucia, Santa Cruz, Alilem, Tagudin, Sugpon, Cervantes, Quirino, Gregorio del Pilar, Salcedo, Lidlidda, San Emilio, Santiago, Burgos, Santa Maria, San Esteban), Benguet, Tarlac, Zambales, the western portion of Bataan (Morong, Bagac, Dinalupihan, Hermosa), the western portion of Pampanga (Floridablanca, Mabalacat City, Magalang, Angeles City, Porac), and the northwestern portion of Nueva Ecija (Guimba, Cuyapo, Talugtug, Nampicuan) | - | - |
| | Warning lead time: 24 hours Range of wind speeds: 62 to 88 km/h (Beaufort 8 to 9) Potential impacts of winds: Minor to moderate threat to life and property | | |
| 1 Wind threat: Strong winds | Cagayan including Babuyan Islands, Isabela, Quirino, Nueva Vizcaya, Apayao, Kalinga, Ifugao, Mountain Province, Abra, Ilocos Norte, the rest of Ilocos Sur, Aurora, the rest of Nueva Ecija, the rest of Pampanga, Bulacan, the rest of Bataan, Metro Manila, Laguna, Rizal, Batangas, Cavite, Quezon including Pollilo Islands, Marinduque, the northwestern portion of Romblon (Concepcion, Banton, Corcuera), Occidental Mindoro including Lubang Islands, Oriental Mindoro, Calamian Islands, Camarines Norte, and the northwestern portion of Camarines Sur (Lupi, Ragay, Del Gallego, Sipocot) | - | - |
| | Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Beaufort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property | | |
| Tropical Cyclone Wind Signals in other areas are hereby lifted | | | |



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- *Through this morning:* Moderate to heavy rains possible over Zambales, Bataan, Aurora, Pangasinan, Batanes, and the northern portion of Cagayan including Babuyan Islands. Light to moderate with at times heavy rains possible over Metro Manila, Cordillera Administrative Region, CALABARZON, MIMARPOPA, Camarines Provinces, Western Visayas, and the rest of Cagayan Valley and Central Luzon.
- Except in areas with significant antecedent rainfall or those still experiencing persistent heavy rainfall, flooding and rain-induced landslides are likely to slowly subside.

Severe Winds

Winds reaching gale-force strength may still be experienced any of the areas where Wind Signal No. 2 is in effect. Areas under Wind Signal No.1 may experience strong winds (strong breeze to near gale strength) throughout the passage of the tropical cyclone.

HAZARDS AFFECTING COASTAL WATERS

Under the influence of the surge of the Northeast Monsoon and PAENG, a **marine gale warning** remains in effect over the seaboard of Luzon and the western and eastern seaboard of Visayas. For more information, refer to Gale Warning #14 issued at 5:00 AM today.

TRACK AND INTENSITY OUTLOOK

- Tropical Storm PAENG has exited the landmass of Luzon at 2:00 AM today. On the forecast track, PAENG will track generally westward until this afternoon before turning north northwestward. The storm is forecast to maintain a generally north northwestward heading by tonight through Tuesday, then turn northwestward on Wednesday as it moves closer towards southern China. PAENG will likely exit the Philippine Area of Responsibility tomorrow morning or afternoon.
- While over the West Philippine Sea, PAENG is forecast to re-intensify into a severe tropical storm within 24 hours and may reach typhoon category by late evening tomorrow or on Tuesday morning. However, a weakening trend is expected by late Tuesday as the tropical cyclone encounters another surge of the Northeast Monsoon.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA